

# PATENT ABSTRACTS OF JAPAN

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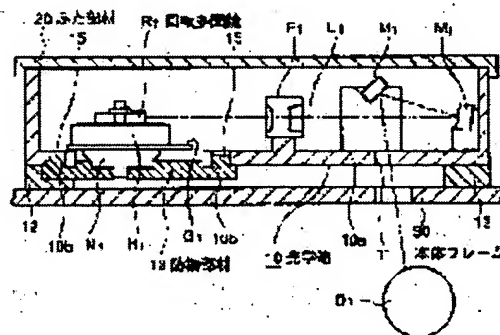
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## (54) OPTICAL DEFLECTION DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent vibrations of a revolving polygon mirror and its driving part from transmitting to the lens and the mirror.

**SOLUTION:** Scanning light L1 of a revolving polygon mirror R1 forms an image on a photoreceptor on a rotating drum D1 via a lens F1 and a pair of reflector mirrors M1. The revolving polygon mirror R1 and a bearing part N1 holding a motor H1 are fixed to the bottom wall 10a of an optical box 10 via a buffer member 13 with a large attenuation effect against vibrations. The bottom base 10a holding the lens F1 and the reflector mirror M1 is made of a material of a high rigidity.



## LEGAL STATUS

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